--33. (NEW) A modified protein according to claim 31 containing at least 50% (v/v) of a solvent acceptable for binding studies.--

--34. (NEW) A modified protein according to claim 33 containing about 60 to 80% (v/v) of a solvent.--

--35. (NEW) A modified protein according to claim 31 adapted for freezing with gaseous or liquid nitrogen with maintained capacity of diffraction to at least 3.5 Å by use of a synchrotron radiation source.--

--36. (NEW) A modified protein according to claim 35 adapted for freezing with gaseous or liquid nitrogen with maintained capacity of diffraction to at least 2.3 Å by using synchrotron radiation source.--

--37. (NEW) A modified protein according to claim 31, wherein the crystals are resistant to an addition of up to 10% (v/v) of DMSO (dimethylsulfoxide) and up to 5% (v/v) of DMF (dimethylfluoride) for at least 24 hours.--

--38. (NEW) A modified protein according to claim 31, wherein the crystals are formed at pH between 5.0 and 8.5.--

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--39. (NEW) A modified protein according to claim 38, wherein the crystals are formed at a pH between 7.0 and 8.0.--

--40. (NEW) A modified protein according to claim 31, wherein the crystals are formed in the presence of one or more salts having a concentration between 0.15 M and 1.0 M.--

--41. (NEW) A modified protein according to claim 40, wherein the salt(s) is (are) selected from a group consisting of ammonium sulfate, lithium sulfate, sodium phosphate,